

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> PTO FEE TRANSMITTAL for FY 2002 <small>Patent fees are subject to annual revision.</small> </div> <div style="text-align: center;"> RECEIVED AUG 1 1 2002 TECH CENTER 1600 2002 </div> </div>		Complete if Known	
TOTAL AMOUNT OF PAYMENT		Application Number	09/227,742
(\$) 720.00		Filing Date	January 8, 1999
		First Named Inventor	Fredric R. Bloom
		Examiner Name	Loeb, B.
		Group Art Unit	1636
		Attorney Docket No.	0942.4770003/RWE/FRC

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																														
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number: 19-0036</p> <p>Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed.</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*</p> <p><small>*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036</small></p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td>400.00</td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td>320.00</td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,280</td> <td>241</td> <td>640</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,280</td> <td>242</td> <td>640</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>460</td> <td>243</td> <td>230</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>620</td> <td>244</td> <td>310</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>130</td> <td>123</td> <td>130</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>481</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>740</td> <td>246</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>740</td> <td>249</td> <td>370</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>740</td> <td>279</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>189</td> <td>900</td> <td>189</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table> <p>Other fee (specify): _____</p> <p>Other fee (specify): _____</p> <p>*Reduced by Basic Filing Fee Paid</p>	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month	400.00	117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal	320.00	120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	130	123	130	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	481	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		189	900	189	900	Request for expedited examination of a design application	
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee paid																																																																																																																																																																										
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																											
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																											
139	130	139	130	Non-English specification																																																																																																																																																																											
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																											
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																											
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																											
115	110	215	55	Extension for reply within first month																																																																																																																																																																											
116	400	216	200	Extension for reply within second month	400.00																																																																																																																																																																										
117	920	217	460	Extension for reply within third month																																																																																																																																																																											
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																											
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																											
119	320	219	160	Notice of Appeal	320.00																																																																																																																																																																										
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																											
121	280	221	140	Request for oral hearing																																																																																																																																																																											
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																											
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																											
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																											
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																											
143	460	243	230	Design issue fee																																																																																																																																																																											
144	620	244	310	Plant issue fee																																																																																																																																																																											
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																											
123	130	123	130	Petitions related to provisional applications																																																																																																																																																																											
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																											
581	40	481	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																											
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																											
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																											
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																											
189	900	189	900	Request for expedited examination of a design application																																																																																																																																																																											
<p>FEE CALCULATION</p> <p>I. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table> <p>SUBTOTAL (1) (\$) _____</p> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>94</td> <td>202</td> <td>47</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim</td> <td></td> </tr> <tr> <td>108</td> <td>84</td> <td>208</td> <td>42</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table> <p>SUBTOTAL (2) (\$) _____</p> <p><small>** or number previously paid, if greater. For Reissues, see above</small></p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	94	202	47	Independent claims in excess of 3		104	280	204	140	Multiple dependent claim		108	84	208	42	**Reissue independent claims over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		<p>SUBTOTAL (3) (\$) 720.00</p>																																																																																																						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																										
101	740	201	370	Utility filing fee																																																																																																																																																																											
106	330	206	165	Design filing fee																																																																																																																																																																											
107	510	207	255	Plant filing fee																																																																																																																																																																											
108	740	208	370	Reissue filing fee																																																																																																																																																																											
114	160	214	80	Provisional filing fee																																																																																																																																																																											
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																										
103	18	203	9	Claims in excess of 20																																																																																																																																																																											
102	94	202	47	Independent claims in excess of 3																																																																																																																																																																											
104	280	204	140	Multiple dependent claim																																																																																																																																																																											
108	84	208	42	**Reissue independent claims over original patent																																																																																																																																																																											
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																											

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Frank R. Cottingham	Registration No. (Attorney's use)	50 437
Signature	<i>Frank R. Cottingham</i>	Telephone	202-371-2600
		Date	7/29/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. SKG: Rev. 11-02-00

**Sterne Kessler
Goldstein Fox**



Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Milonig
Lawrence K. Bugalsky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick F. Harrett
Jeffery T. Helvey*
Heidi L. Kraus
Crystal D. Sayles
Edward W. Lee
Albert L. Ferro*
Donald R. Panowitz
Peter A. Jackman
Molly A. McCall
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Albert J. Capuano II*
Eldora Ellison Floyd
W. Russell Swindell

Thomas C. Fiala
Brian J. Del Buono
Virgil Lee Beaston
Reginald D. Lucas
Kimberly N. Reddick
Theodore A. Wood
Elizabeth J. Haanes
Bruce E. Chaiker
Joseph S. Ostroff
Frank R. Cottingham*
Christine M. Lhuier
Rae Lynn Prensaman*
Jane Shershenovich*
Lawrence J. Carroll*
George S. Bardmesser

Registered Patent Agents*
Karen R. Markowicz
Andrea J. Kamage
Nancy J. Leith
Joseph M. Conrad III
Ann E. Summerfield
Helene C. Carlson
Gaby L. Longworth
Matthew J. Dowd
Aaron L. Schwartz
Angelique S. Uy
Boris A. Matvenko
Mary B. Tung
Katrina Y. Rei
Bryan L. Skelton
Jason D. Eisenberg
John J. Figueroa

Senior Counsel
Samuel L. Fox
Kenneth C. Bass III
Lisa A. Dunner

*Admitted only in Maryland
*Admitted only in Virginia
*Admitted only in Texas
•Practice limited to
Federal Agencies

July 29, 2002

RECEIVED

AUG 6 1 2002

WRITER'S DIRECT NUMBER:
(202) 371-2615

INTERNET ADDRESS:
FRANK@SKGFCOM

Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600-2300

Art Unit 1636

Re: U.S. Utility Patent Application
Appl. No. 09/227,742; Filed: January 8, 1999
For: **Method for Increasing Viability and Transformation Efficiency of
Bacteria During Storage at Low Temperatures**
Inventors: BLOOM *et al.*
Our Ref: 0942.4770003/RWE/FRC

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Petition for Extension of Time under 37 C.F.R. § 1.136(a)(1);
3. Notice of Appeal From the Examiner to the Board of Patent Appeals and Interferences - Large Entity;
4. Amendment and Reply Under 37 C.F.R. § 1.116;
5. Copy of Amendment and Reply under 37 C.F.R. § 1.116, filed December 5, 2000;
6. Copy of PTO returned postcard stamped dated December 5, 2000;
7. Our check no. **36048** in the amount of **\$720.00** to cover the following fees:
\$400.00 - Extension of Time; and
\$320.00 - Notice of Appeal; and
8. Return postcard.

Commissioner for Patents

July 29, 2002

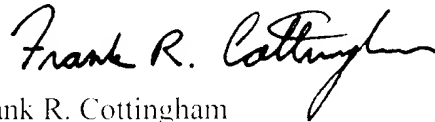
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Frank R. Cottingham
Attorney for Applicants
Registration No. 50.437

FRC/ped
Enclosures

LODMA MIHODMA SKGE DC139293.1

Applicants: F. R. Bloom *et al.*

Due Date: December 5, 2000

Art Unit: 1636

Examiner: Yucel, I.

Docket: 0942.4770003

Atty: RWE/GER

Application No.: 09/227,742

Filed: January 8, 1999

For: **Method for Increasing Viability and Transformation Efficiency of Bacteria During Storage at Low Temperatures**

COPY



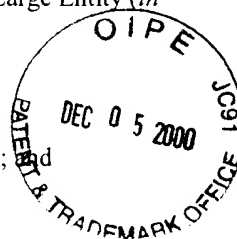
RECEIVED

AUG 01 2000

TECH CENTER 1600/2900

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. Letter (*in duplicate*);
2. Fee Transmittal Form (PTO/SB/17) (*in duplicate*);
3. Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1) (*in duplicate*);
4. Notice of Appeal From the Examiner to the Board of Patent Appeals and Interferences - Large Entity (*in duplicate*);
5. Amendment and Reply Under 37 C.F.R. § 1.116;
6. Our Check No. 29675 in the amount of \$1,200.00 to cover the following fees:
 - \$310.00 Notice of appeal (37 C.F.R. § 1.17(b));
 - \$890.00 Extension for response within third month fee (37 C.F.R. § 1.17(a)(3));
7. One (1) return postcard.



Attn: Box AF

Please Date Stamp And Return To Our Courier